

PATENTS  
Attorney Docket No. KONG-22

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Examiner : Not Yet Assigned  
Group Art Unit : 1615  
Applicant : Ling Yuk Cheung  
Application No. : 10/717,143 Confirmation No.: 7253  
Filed : November 18, 2003  
For : METHODS AND COMPOSITIONS FOR TREATING  
GASTRITIS

New York, New York 10020  
April 23, 2004

Hon. Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97, applicant,  
through his/her attorneys or agents, makes of record the  
documents listed below.

U.S. Patent Documents

4,081,367	Hulls et al.	03/28/78
4,183,807	Yoshizawa et al.	01/15/80
4,211,645	Zajic et al.	07/08/80
4,559,305	Zajic et al.	12/17/85
4,816,158	Shimura et al.	03/28/89
5,075,008	Chigusa et al.	12/24/91
5,106,594	Held et al.	04/21/92
5,416,010	Langenberg et al.	05/16/95
5,476,787	Yokoyama et al.	12/19/95
5,567,314	Chigusa et al.	10/22/96
5,578,486	Zhang	11/26/96
5,707,524	Potter	01/13/98
5,879,928	Dale et al.	03/09/99
6,036,854	Potter	03/14/00
6,391,617	Cheung	05/21/02
6,391,618	Cheung	05/21/02
6,391,619	Cheung	05/21/02
6,436,695	Cheung	08/20/02
6,440,713	Cheung	08/27/02
6,649,383	Cheung	11/18/03
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Abstract of SU 1071637	Russia	020/7/84
Abstract of JP 60028893	Japan	02/14/85
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CN 1110317A	China	10/18/95
WO 99/60142	PCT	11/25/99

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WO 02/62982	PCT	08/15/02
WO 02/62983	PCT	08/15/02
WO 02/62984	PCT	08/15/02
WO 02/62985	PCT	08/15/02
WO 02/070682 A2	PCT	09/12/02

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Pichko, V. B. et al., "Electromagnetic stimulation of productivity of microorganisms and its mechanisms", Prikladnaya Biokhimiya I Mikrobiologiya, 32(4): 468-472 (1996).

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Ponne, C. T. et al., "Interaction of electromagnetic energy with biological material-relation to food processing", Radiation Physics and Chemistry, 45(4): 591-607 (1995).

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Surawicz Christina M. et al., "The search for a better treatment for recurrent *Clostridium difficile* disease: Use of high-dose vancomycin combined with *Saccharomyces boulardii*," Clinical Infectious Diseases, 31:1012-1017 (2000).

Trosko, J.E., "Human Health Consequences of Environmentally-Modulated Gene Expression: Potential Roles of ELF-EMF Induced Epigenetic Versus Mutagenic Mechanisms of Disease", Bioelectromagnetics, 21, pp. 402-406 (2000).

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Zhang, L. et al., "Electrostimulation of the Dehydrogenase System of Yeast by Alternating Currents", Bioelectrochemistry and Bioenergetics, 28, pp. 341-353 (1992).

"*Saccharomyces cerevisiae* Meyen ex Hansen", China Catalogue of Cultures/China Committee of Culture Collection for Microorganisms (CCCCM), "[www.im.ac.cn/database/YEAST/y122.htm](http://www.im.ac.cn/database/YEAST/y122.htm)", April 24, 1996, retrieved on November 27, 2002.

#### Concise Explanation of Non-English Publication

Pursuant to 37 C.F.R. § 1.98(a)(3)(i), applicant submits the following concise explanation of the relevance of Chinese Patent Application CN 1110317A. This reference relates to a method of isolating microbes of interest from a natural source. In this method, the source material is mixed with sterile water or a culture medium and then extracted to obtain a solution containing microbes from the natural source. The solution is then placed in a horizontal, non-metallic cylindrical container and exposed to an electric field with specific frequency and field strength. The

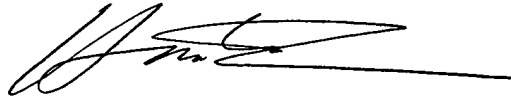
microbe of interest can then be collected from an opening in the middle of the cylindrical container.

This reference is relevant only because it describes the use of electric fields in a microbiological method. This reference, however, does not teach or suggest the claimed invention.

Applicant respectfully requests that the documents listed above be (1) fully considered by the Examiner during the course of examination of this application and (2) printed on any patent issuing from this application. Applicant also requests that the Examiner forward the enclosed duplicate copy of Form PTO-1449, duly acknowledged and initialed by the Examiner, to the undersigned with the next Communication.

This Statement is submitted before the mailing of a first Office action on the merits. In accordance with 37 C.F.R. § 1.97(b)(3), submission of this Statement requires no fee.

Respectfully submitted,



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FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. KONG-22	APPLN. NO. 10/717,143
	APPLICANT Ling Yuk Cheung	CONFIRMATION NO. : 7253
	FILING DATE November 18, 2003	GROUP 1615

## U.S. PATENT DOCUMENTS

EXAMINE R INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,081,367	03/28/78	Hulls et al.	210	610	
	4,183,807	01/15/80	Yoshizawa et al.	210	611	
	4,211,645	07/08/80	Zajic et al.	210	611	
	4,559,305	12/17/85	Zajic et al.	435	243	
	4,816,158	03/28/89	Shimura et al.	210	610	
	5,075,008	12/24/91	Chigusa et al.	210	610	
	5,106,594	04/21/92	Held et al.	422	292	
	5,416,010	05/16/95	Langenberg et al.	435	468	
	5,476,787	12/19/95	Yokoyama et al.	435	262.5	
	5,567,314	10/22/96	Chigusa et al.	210	150	
	5,578,486	11/26/96	Zhang	435	243	
	5,707,524	01/13/98	Potter	210	606	
	5,879,928	03/09/99	Dale et al.	435	264	
	6,036,854	03/14/00	Potter	210	177	
	6,391,617	05/21/02	Cheung	435	254	
	6,391,618	05/21/02	Cheung	435	255	
	6,391,619	05/21/02	Cheung	435	255	
	6,436,695	08/20/02	Cheung	435	254	
	6,440,713	08/27/02	Cheung	435	173	
	6,649,383	11/18/03	Cheung	435	173.1	
	6,660,508	12/09/03	Cheung	435	173.1	
	20020123127 A1	09/05/02	Cheung	435	254	
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	20040001815 A1	01/01/04	Cheung	424	93.51	
	20040001857 A1	01/01/04	Cheung	424	195.16	

EXAMINER

DATE CONSIDERED

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.

<b>FORM PTO-1449</b>  <b>U.S. DEPARTMENT OF COMMERCE</b> <b>PATENT AND TRADEMARK OFFICE</b>  <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b>	<b>ATTY. DOCKET NO.</b> KONG-22	<b>APPLN. NO.</b> 10/717,143
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	20040001857 A1	01/01/04	Cheung	424	195.16	
	20040001858 A1	01/01/04	Cheung	424	195.16	
	20040001859 A1	01/01/04	Cheung	424	195.16	
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	20040005337 A1	01/08/04	Cheung	424	195.16	

### FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	FR 2222433	10/18/74	France			✓ (Abstract Only)	
	Abstract of SU 415983A	11/15/74	Russia			✓	
	EP 0041373	12/09/81	EPO				
	Abstract of SU 1071637	020/7/84	Russia			✓	
	Abstract of JP 60028893	02/14/85	Japan			✓	
	WO 87/02705	05/07/87	PCT				
	WO 95/04814	02/16/95	PCT				
	CN 1110317A	10/18/95	China				

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	WO 99/60142	11/25/99	PCT				
	WO 02/20431	03/14/02	PCT				
	WO 02/62981	08/15/02	PCT			✓ (Abstract only)	
	WO 02/62982	08/15/02	PCT			✓ (Abstract only)	
	WO 02/62983	08/15/02	PCT			✓ (Abstract only)	
	WO 02/62984	08/15/02	PCT			✓ (Abstract only)	
	WO 02/62985	08/15/02	PCT			✓ (Abstract only)	
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**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

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<b>FORM PTO-1449</b>  <b>U.S. DEPARTMENT OF COMMERCE</b> <b>PATENT AND TRADEMARK OFFICE</b>  <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b>	<b>ATTY. DOCKET NO.</b> KONG-22	<b>APPLN. NO.</b> 10/717,143
	<b>APPLICANT</b> Ling Yuk Cheung	<b>CONFIRMATION</b> <b>NO. : 7253</b>
	<b>FILING DATE</b> November 18, 2003	<b>GROUP</b> 1615

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